

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/29/11

Cameron Merrill
Assistant District Attorney, Suffolk County

Dear ADA Merrill,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Control Card with analytical results for sample # [REDACTED].
3. Analysis sheet with chemist's hand notations and test results.
4. GC/Mass Spectral analytical data for sample # [REDACTED]

GC/MS testing was performed by Peter Piro. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632

cc: PJP



DRUG RECEIPT

CC # XXXXXXXXXX
BOOK # 19
PAGE # 57/58
DESTRUCTION #

District/Unit B14 / K101A

Name & Rank of Arresting Officer PO. Michael Richline ID# 11356

To be completed by ECU personnel only

Name and Rank of Submitting Officer John H. P. ID# 7510

Received by Elle Date 5-11-11

ECU Control #

No. [REDACTED] Date Analyzed: 11-4-11

City: Boston D.C.U. Police

Officer: P.C. SYBIL WHITE

Def: [REDACTED]

Amount: Subst: SUE

No. Cont: 9 Cont: pb

Date Rec'd: 05/18/2011 No. Analyzed: 1

Gross Wt: 16.920 Net Wt: 1.620

#Tests: (UKAC)

• 2 P.P.RD

Prelim: MDMA Findings: 3,4-mDMA

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY BOSTON ANALYST KAC
No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

9 pbs containing a brown
rock-like substance

Gross Wt (9): 3.7605g

Gross Wt (1): 1.8920g

Pkg. Wt: 0.2659g

Net Wt: 1.6261g

- 8 Sm pbs ~ 1 lg pb

- empty prescription bottle also inside
evidence bag

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () -

Microcrystalline Tests

Gold
Chloride _____

Marquis _____ + purple → black

TLTA () _____

Froehde's _____ + green + purple → black

OTHER TESTS

Mecke's _____ + green → dark green

GC = + for MDMA

Compared to MDMA std.

PRELIMINARY TEST RESULTS

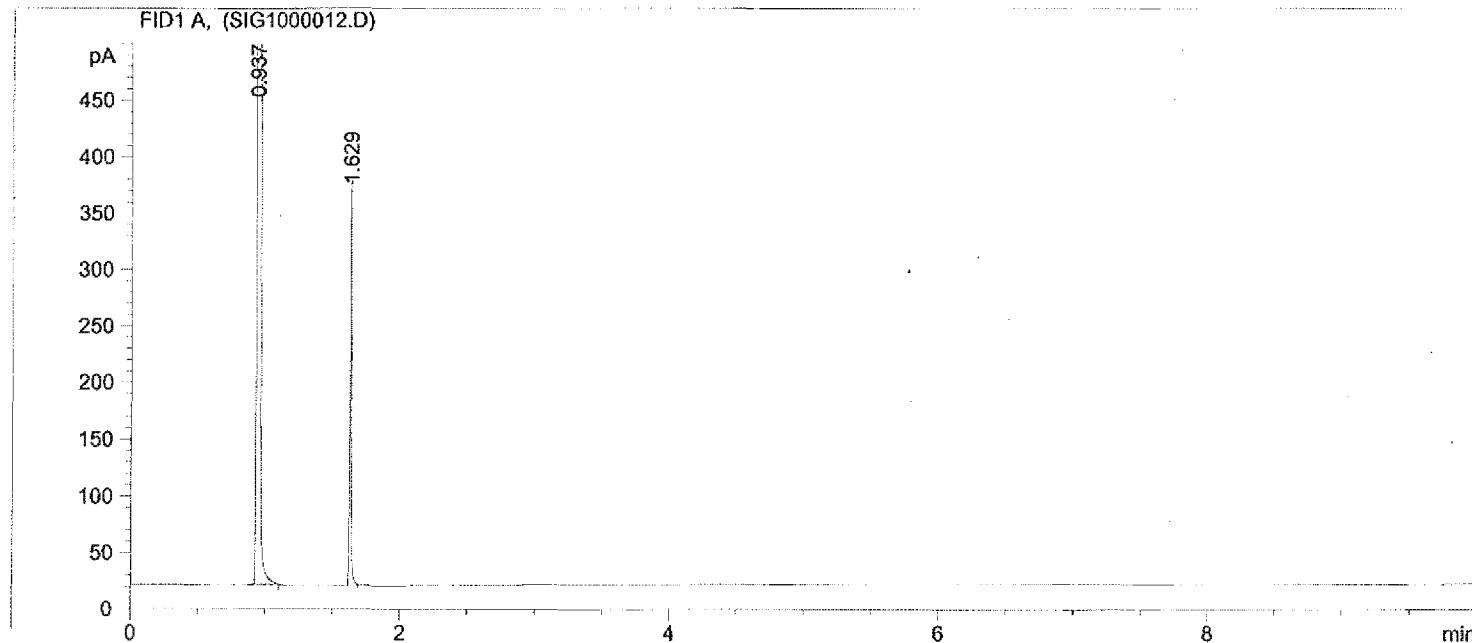
RESULTS MDMA
DATE 10/18/11

GC/MS CONFIRMATORY TEST

RESULTS 3,4-MDMA
MS OPERATOR P. P. R. O.
DATE 11/4/11

Sample Name: 3,4-MDMA STD

```
=====
Acq. Operator   : ASD                               Seq. Line : 12
Acq. Instrument : DrugLab GC #2                 Location : Vial 12
Injection Date  : 10/17/2011 5:13:16 PM           Inj       : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
Area Percent Report
=====
```

```
Sorted By          : Retention Time
Multiplier:       : 1.0000
Dilution:         : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	5.14893e4	5.42746e4	99.50384
2	1.629	1	BB	256.74075	349.65933	0.49616

Totals : 5.17461e4 5.46243e4

```
=====
*** End of Report ***
=====
```

Sample Name: 3,4-MDA STD

```
=====
Acq. Operator   : ASD                               Seq. Line : 14
Acq. Instrument : DrugLab GC #2                 Location : Vial 14
Injection Date  : 10/17/2011 5:40:14 PM           Inj : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



===== Area Percent Report =====

```
Sorted By          : Retention Time
Multiplier:       : 1.0000
Dilution:         : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

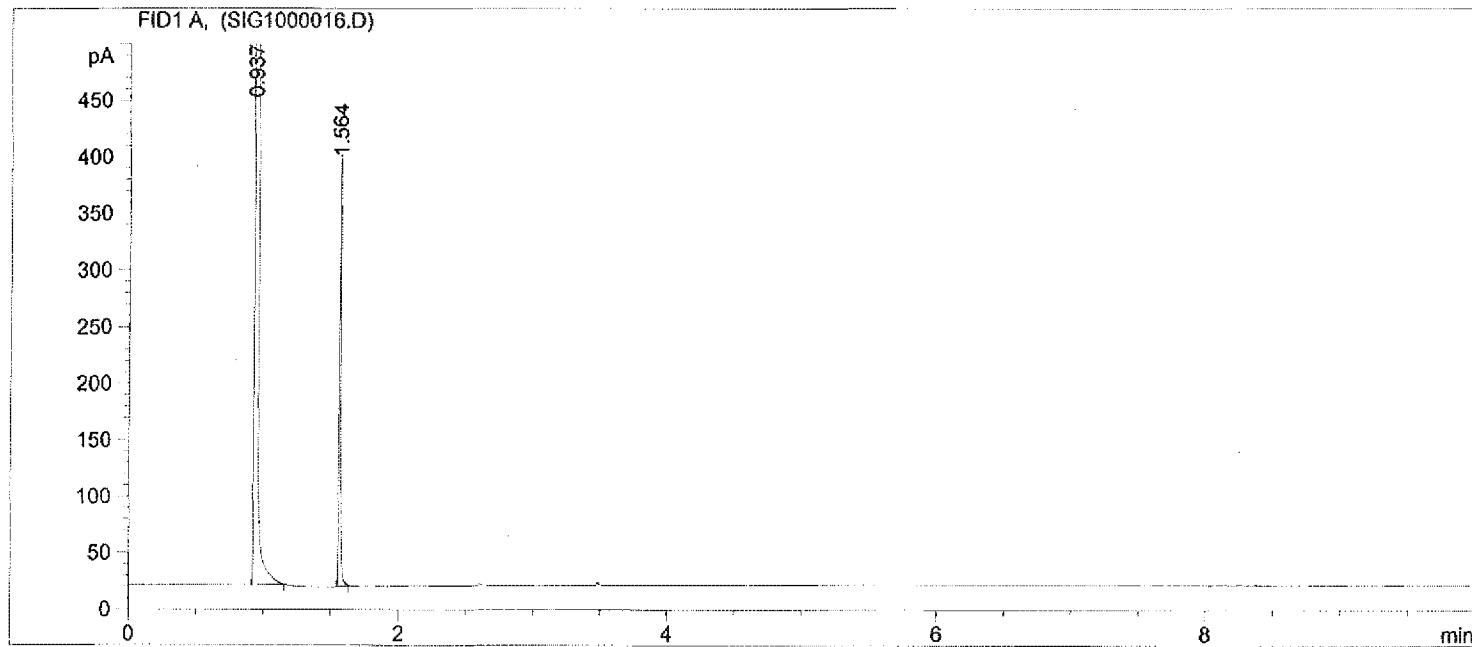
Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	5.01925e4	5.92404e4	99.47773
2	1.532	1	BB	263.51468	353.21576	0.52227

Totals : 5.04560e4 5.95936e4

=====
*** End of Report ***
=====

Sample Name: BENZYLPIPERAZINE STD

```
=====
Acq. Operator : ASD                               Seq. Line : 16
Acq. Instrument : DrugLab GC #2                Location : Vial 16
Injection Date : 10/17/2011 6:07:19 PM          Inj : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 7/28/2010 1:59:36 PM
=====
```



```
=====
Area Percent Report
=====
```

```
Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

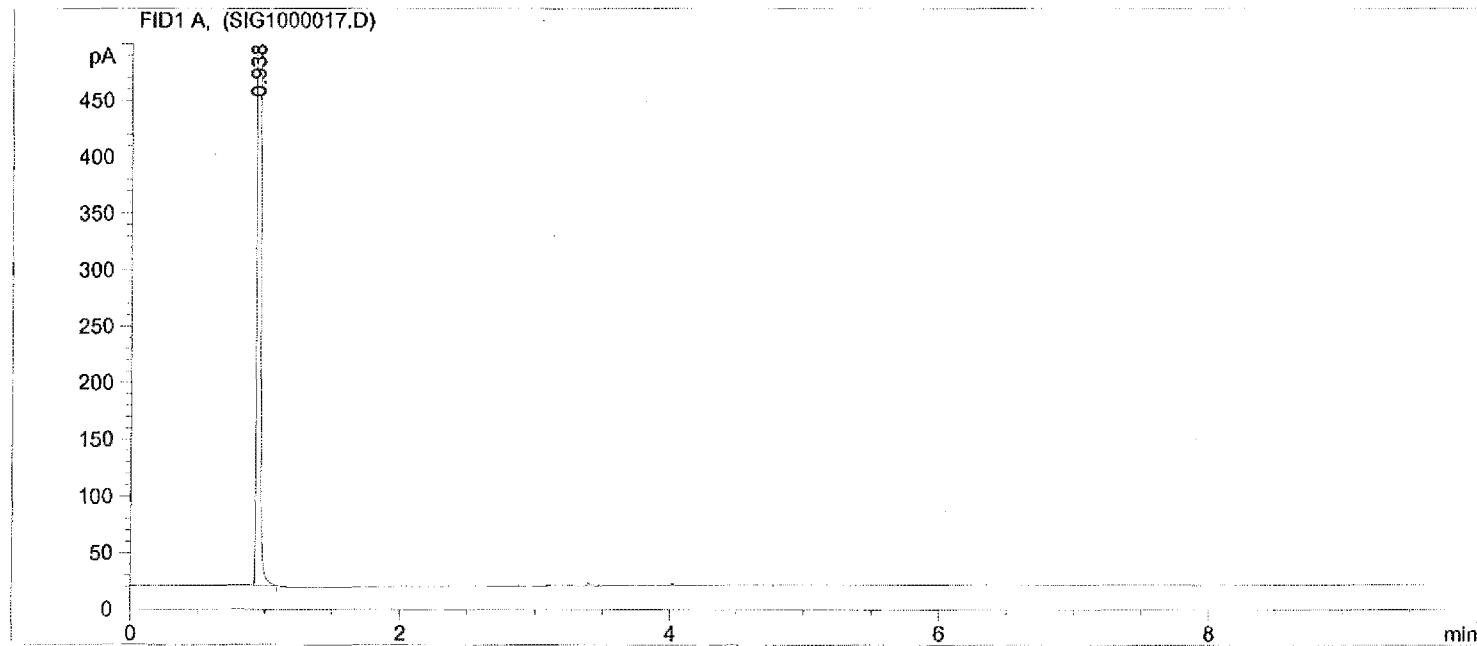
Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	5.07642e4	5.44670e4	99.38755
2	1.564	1	BB	312.81879	375.02292	0.61245

Totals : 5.10770e4 5.48420e4

```
=====
*** End of Report ***
=====
```

Sample Name: BLANK

```
=====
Acq. Operator   : ASD                               Seq. Line : 17
Acq. Instrument : DrugLab GC #2                 Location  : Vial 17
Injection Date  : 10/17/2011 6:20:46 PM           Inj       : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
Area Percent Report
=====
```

```
Sorted By          : Retention Time
Multiplier:       : 1.0000
Dilution:         : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

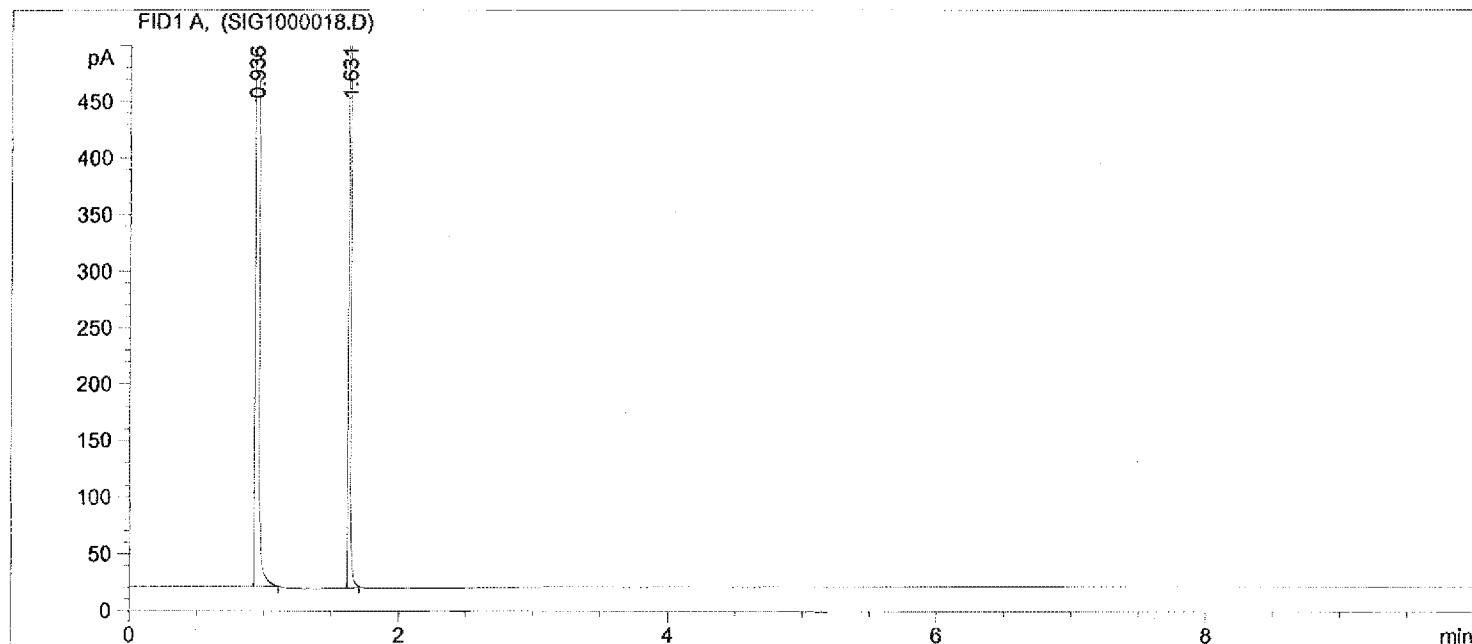
Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.938	1	BB S	5.41000e4	5.38033e4	1.000e2

Totals : 5.41000e4 5.38033e4

```
=====
*** End of Report ***
=====
```

Sample Name: [REDACTED]

```
=====
Acq. Operator : ASD                               Seq. Line : 18
Acq. Instrument : DrugLab GC #2                Location : Vial 18
Injection Date : 10/17/2011 6:34:17 PM          Inj : 1
                                                Inj Volume : 1 μl
Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 7/28/2010 1:59:36 PM
=====
```



```
=====
Area Percent Report
=====
```

```
Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.936	1	BB S	4.76604e4	5.88879e4	97.65193
2	1.631	1	BB	1146.00684	1491.31836	2.34807

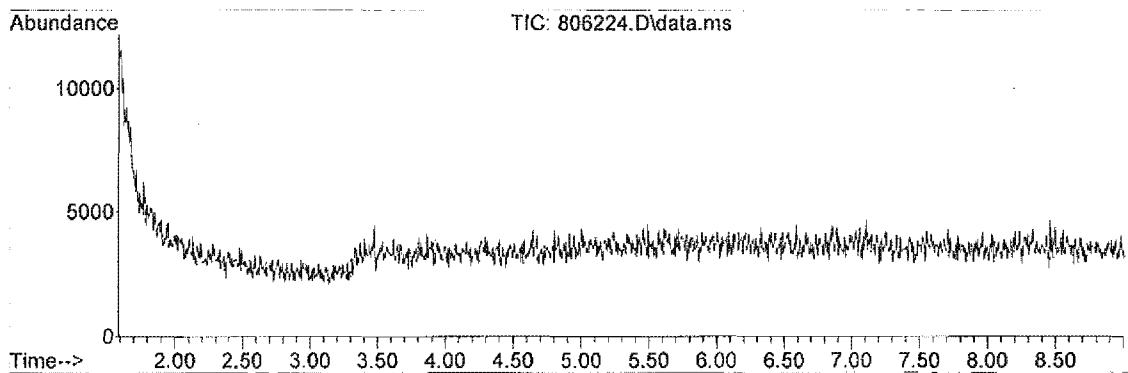
Totals : 4.88064e4 6.03792e4

```
=====
*** End of Report ***
=====
```

✓P,P,r
11-28-11

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806224.D
Operator : KAC
Date Acquired : 3 Nov 2011 15:32
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: MDMA.M
Integrator : RTE

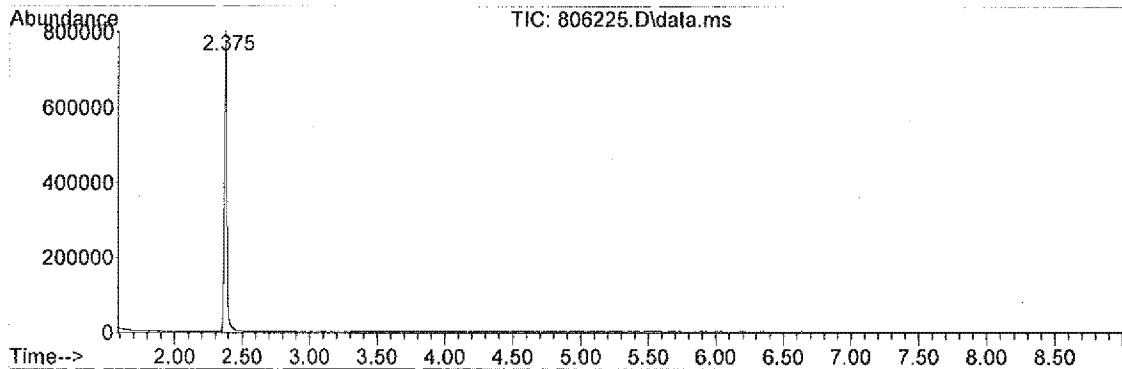


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806225.D
Operator : KAC
Date Acquired : 3 Nov 2011 15:43
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 25
AcquisitionMeth: MDMA.M
Integrator : RTE



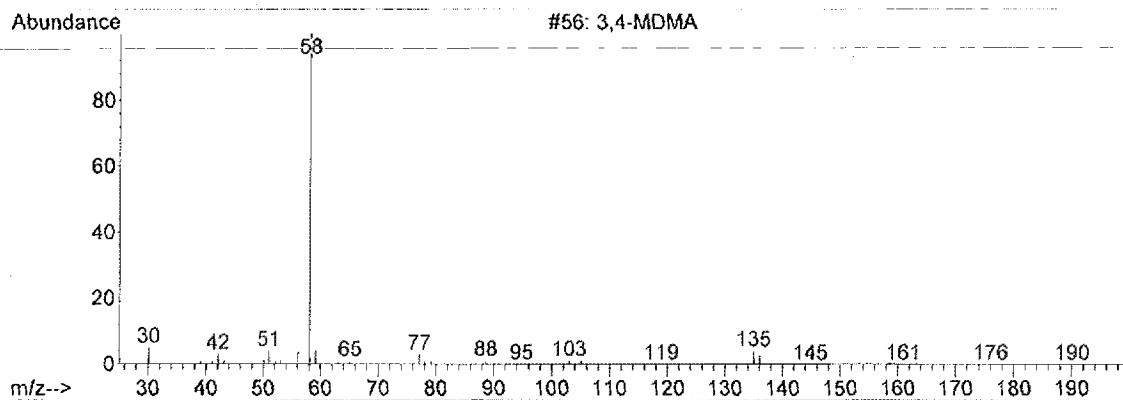
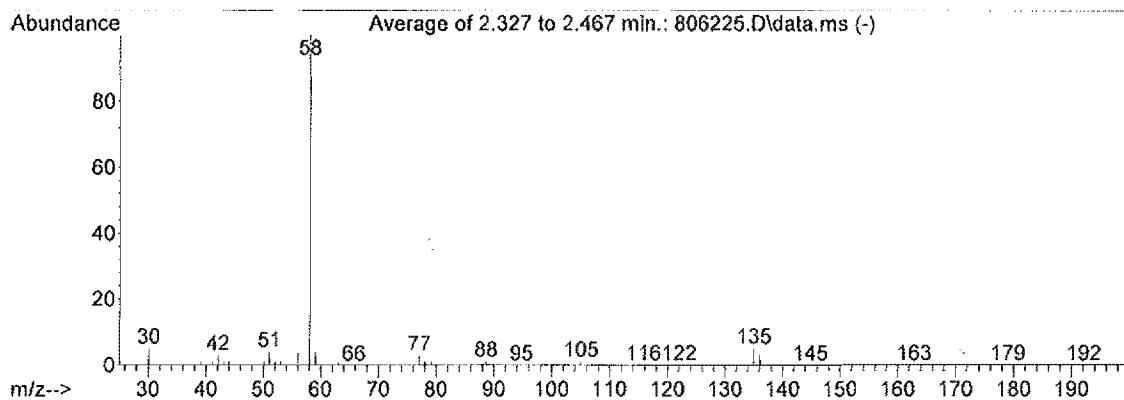
Ret. Time	Area	Area %	Ratio %
2.375	1045186	100.00	100.00

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806225.D
Operator : KAC
Date Acquired : 3 Nov 2011 15:43
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 25
AcquisitionMeth: MDMA.M
Integrator : RTE

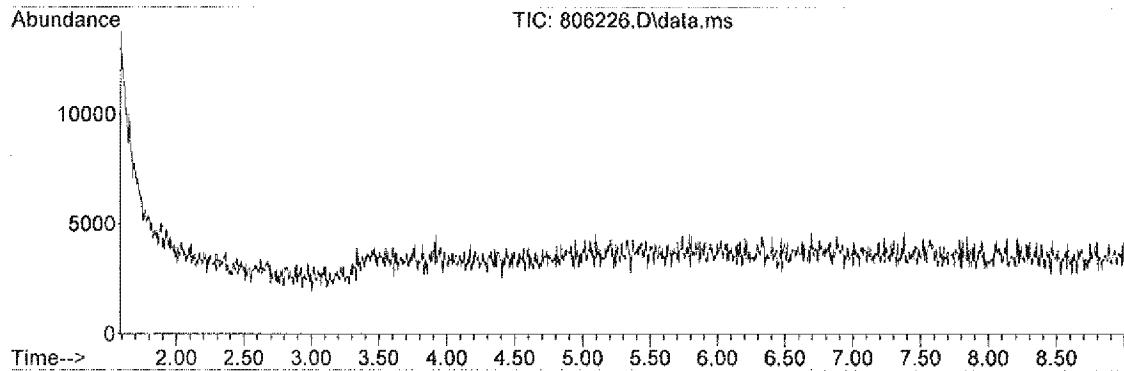
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.38	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	2
		ORPHENADRINE	000083-98-7	2



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806226.D
Operator : KAC
Date Acquired : 3 Nov 2011 15:55
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: MDMA.M
Integrator : RTE



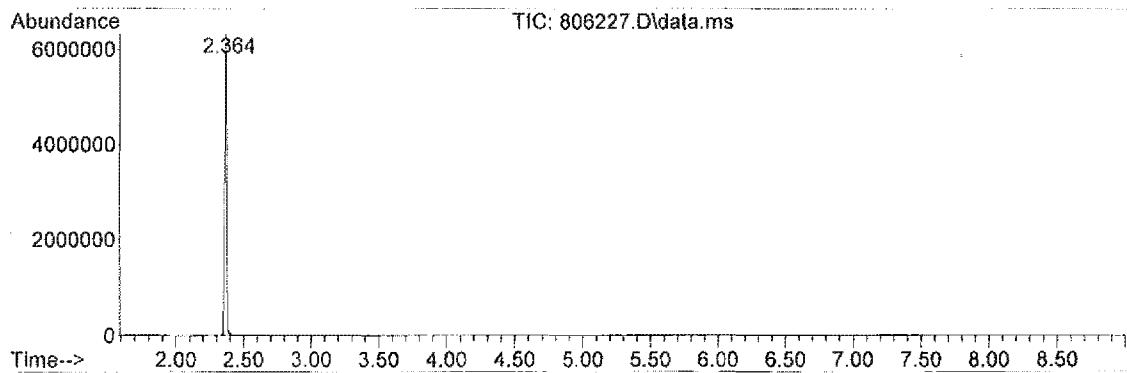
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806227.D
Operator : KAC
Date Acquired : 3 Nov 2011 16:06
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 27
AcquisitionMeth: MDMA.M
Integrator : RTE



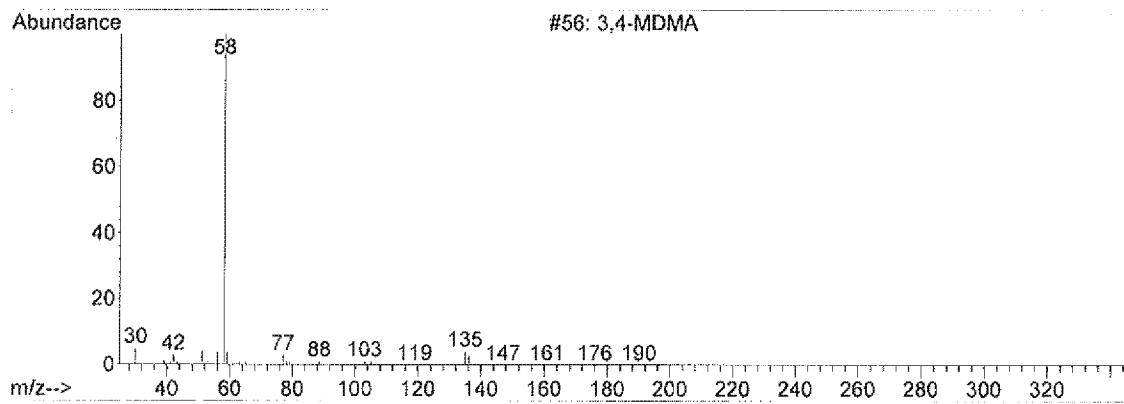
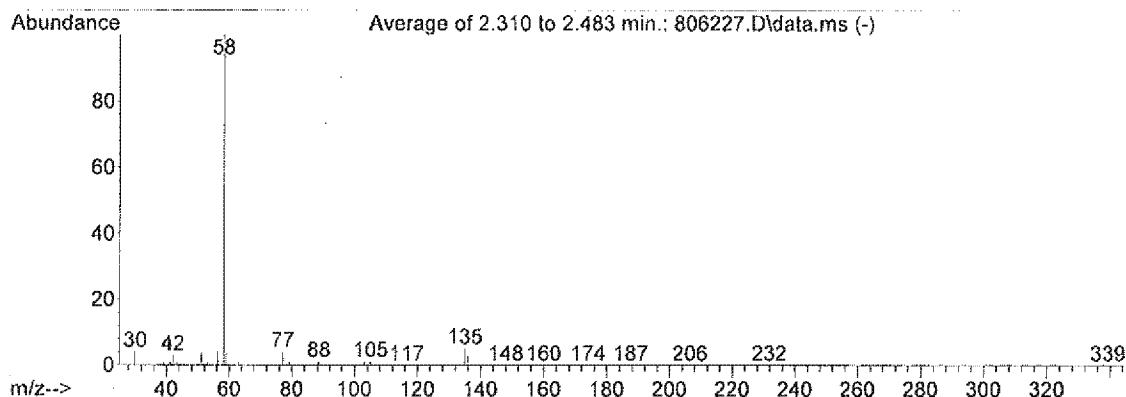
Ret. Time	Area	Area %	Ratio %
2.364	6930682	100.00	100.00

Information from Data File:

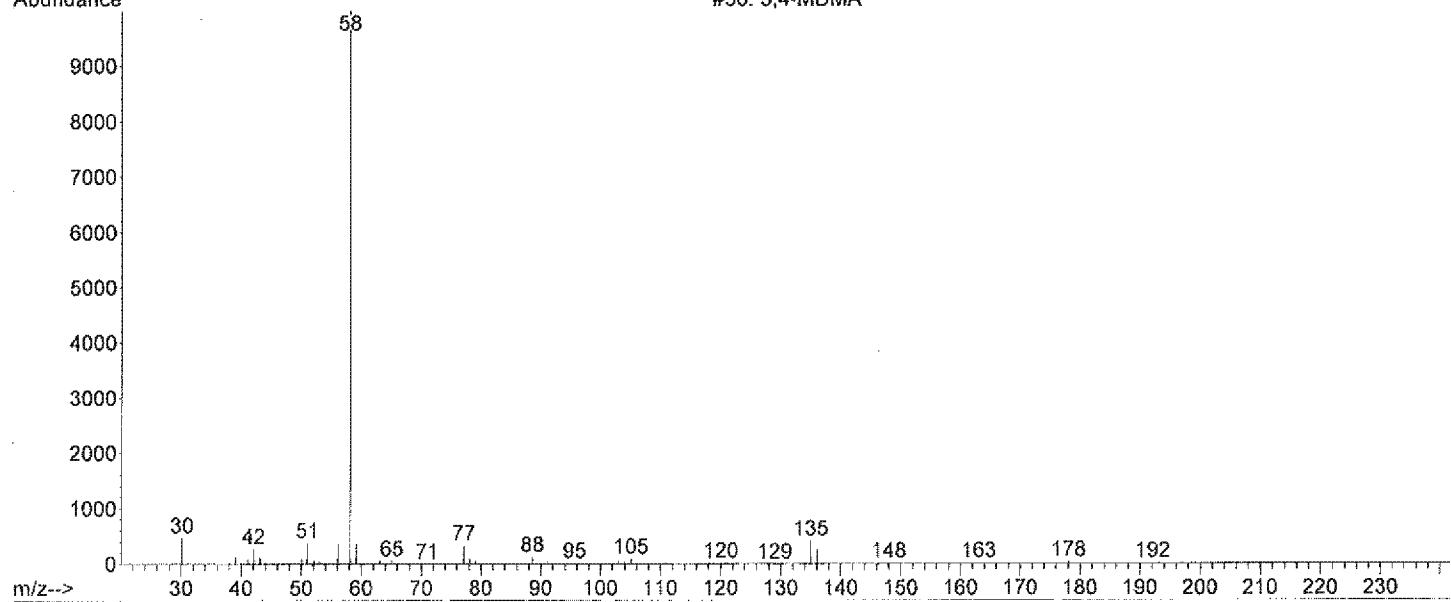
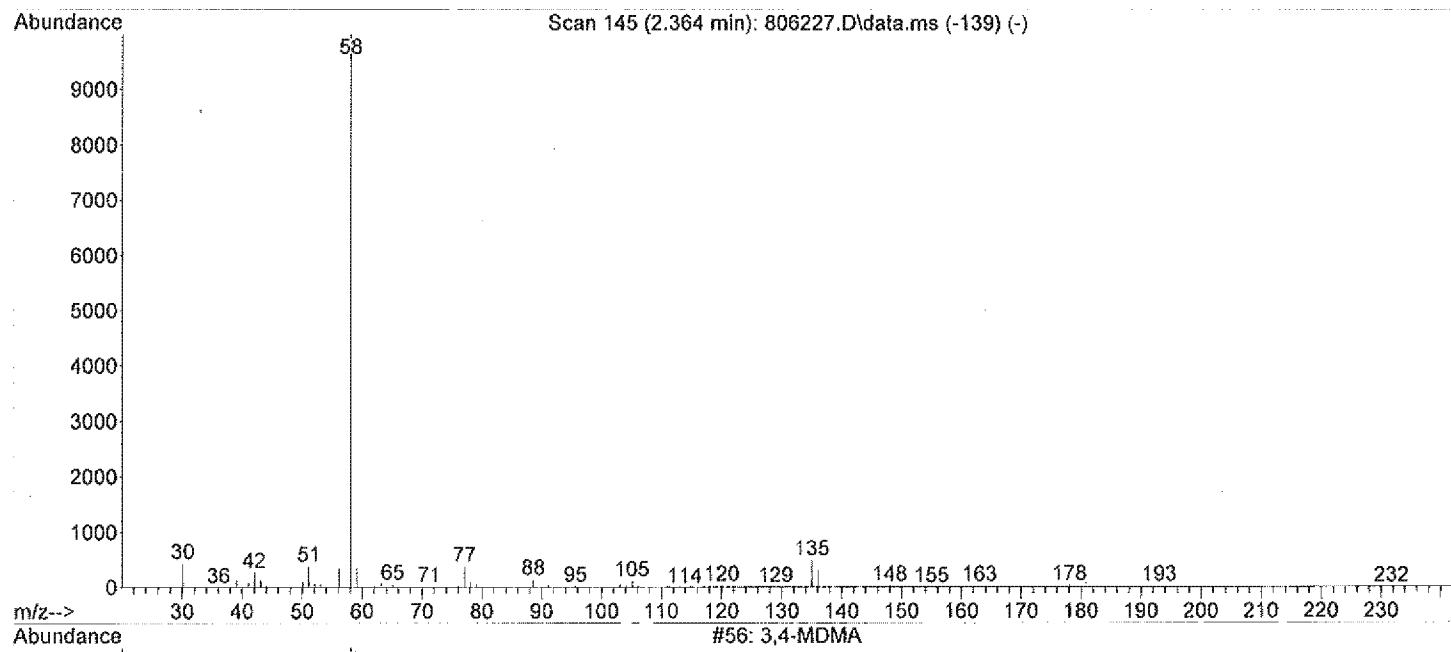
File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806227.D
Operator : KAC
Date Acquired : 3 Nov 2011 16:06
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 27
AcquisitionMeth: MDMA.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.36	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	4
		DILTIAZEM	033286-22-5	2

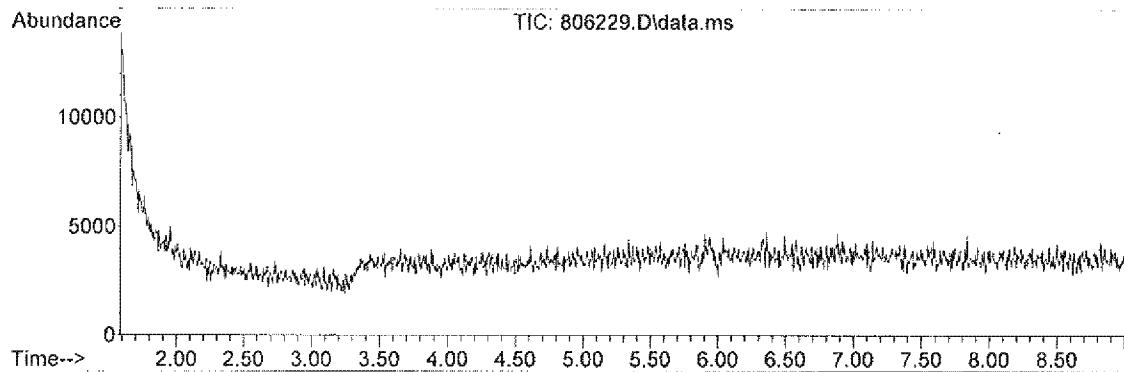


Library Searched : C:\Database\SLI.L
Quality : 90
ID : 3,4-MDMA



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806229.D
Operator : KAC
Date Acquired : 3 Nov 2011 16:30
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: MDMA.M
Integrator : RTE

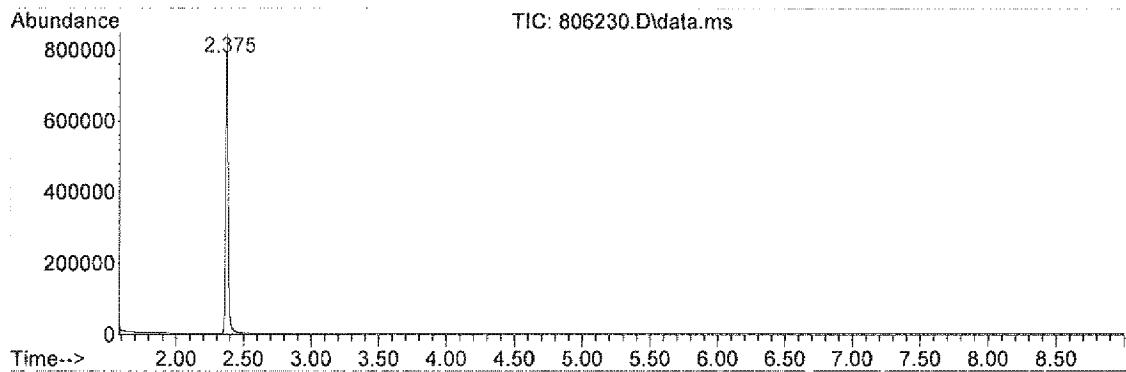


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806230.D
Operator : KAC
Date Acquired : 3 Nov 2011 16:41
Sample Name : 3,4-MDMA STD
Submitted by :
Vial Number : 25
AcquisitionMeth: MDMA.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.375	1043967	100.00	100.00

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_03_11\806230.D
 Operator : KAC
 Date Acquired : 3 Nov 2011 16:41
 Sample Name : 3,4-MDMA STD
 Submitted by :
 Vial Number : 25
 AcquisitionMeth: MDMA.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.37	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	4
		ORPHENADRINE	000083-98-7	2

